APPENDIX K
INSTALLATION INSTRUCTIONS

K-1. The SAM hydraulic design package for channels is currently shipped on one or two 3.5" floppies. The first floppy contains, in ZIP format, all the parts that are needed to get SAM up and running. If necessary all the library files, in ZIP format, will be put on a second floppy. Currently, both floppies will install to C:\SAMEXE.

K-2. The following is a list of the files included in the SAM package.

Files for menu operation:

AUTOCUST.COM   EDITLAST.EXE
AUTOMAKE.EXE   UTILS.EXE
AUTOMENU.COM   DELAY.EXE
AUTOTEMP.BAT

Batch files for menu options:

HYD.BAT   SED.BAT   YLD.BAT
SAM.BAT   T95.BAT

Files for SAM.aid:

SAMAID.EXE   SAMAID.INI   SAMGUIDE.DAT

Files for Corps program H0910, Fall Velocity:
H0910.EXE   H0910.DOC

Input/output Library files:

HYDPCIN.LIB   SEDPCIN.LIB   YLDPCIN.LIB
M95IN.EX   HYDPCOT.LIB   SEDPCOT.LIB
YLDPCOT.LIB   CDFFIL.EX

SAM.xxx executables:

SAMHYD.EXE   SAMSED.EXE   SAMYLD.EXE
PSAM.EXE   SAMAID.EXE   SAMAVG.EXE

For reference only, the following is a list of all executables:

SAMHYD.EXE   SAMSED.EXE   SAMYLD.EXE
PSAM.EXE   SAMAVG.EXE   SAMAID.EXE
H0910.EXE   DELAY.EXE EDITLAST.EXE
UTILS.EXE   AUTOMAKE.EXE

K-3. INSTALLATION INSTRUCTIONS FOR SAM

K-3-1. <u>The Install procedure.</u> Installation is accomplished by executing a batch file. The batch file installs SAM on the C: drive in a subdirectory called SAMEXE.

NOTE: The program MUST reside in C:\SAMEXE to work properly!!!

K-3-1.1 <u>Needed modifications to system files.</u> In your **AUTOEXEC.BAT** file, put C:\SAMEXE in your path statement so that SAM will be executable from any drive or directory on you system. If you are not running a Windows machine, put the following statement in your **CONFIG.SYS** file to ensure optimum screen output: DEVICE=C:\DOS\ANSI.SYS

K-3-2. <u>To install from drive A:.</u> If you insert the SAM.ZIP - disk 1 in your A: drive, type

A:INSTALLA   and SAM will be installed.

K-3-3. <u>To install from drive B:.</u> If you insert the SAM.zip - disk 1 in your B: drive, type

B:INSTALLB   and SAM will be installed.

K-3-4. <u>Files included.</u> The files written to the SAMEXE directory are listed on the previous page. The *.LIB files are input and output test data for SAM.hyd, SAM.sed and SAM.yld. The *.EX files are example files rather than library files. The rest of the files are for installation, menus, and smooth execution.

K-3-5. <u>DSS Information.</u> **If your DSS works already, it should be fine for SAM.** Otherwise, read on. Dss versions dated 24 April 1991 or after need a newer version of the GSS drivers than do earlier versions of DSS. The newer version of the drivers changed the switch that releases the drivers from memory. Consequently, it is important to be aware of the version of the GSS drivers being used because built into the SAM menu is the new switch, "/a". The old switch was "/R". Also, before installing a new version of GSS, remove all files from the old version, especially the 'DRIVERS.EXE' in \HECEXE. The new version of GSS no longer needs to be in the machine's config.sys file, but be sure that the subdirectory that the new DRIVERS is in is part of the path, in the AUTOEXEC.BAT file.

K-3-6. <u>Help.</u> For help, call Dinah McComas, (601)634-2157, or Ron Copeland, (601) 634-2623, Coastal and Hydraulics Laboratory, Waterways Experiment Station, Vicksburg, MS.

K-4. Computer Requirements
SAM.hyd an executable of about 575k. SAM.sed is an executable of about 893k. SAM.yld is an executable of about 485k. The executable for PSAM is about 279k, for SAM.avg is about 300k, and for SAM.aid is about 237k. Data files link the modules together.